

AMENDMENTS TO THE SPECIFICATION:

Please Replace Paragraph [00036] with the following:

[00036] Referring now to **FIGURE 1**, there is illustrated a flow diagram for classifying whether a digital audio signal is speech or music. At ± 5 , the digital audio signal is divided into a set of frames. The frames comprise a fixed number of digital audio samples from the digital audio signal. Additionally, frames can be processed in a number of ways, such as by a decimator, pre-emphasis filter, or a windowing function, to name a few.

Please Replace Paragraph [00037] with the following:

[00037] At ± 10 , a finite number of Linear Prediction coefficients (LPC) are calculated for each frame. In general, the inherent limitations of the human vocal tract allow a speech signal spectrum to be shaped by fewer LPC coefficients than a music signal. Accordingly, at ± 15 the inverse filter response of the frame to an inverse filter according to the LPC coefficients (the residual signal) calculated during ± 10 is taken and the residual energy is measured at ± 17 . The residual energy of the filter response is compared at ± 20 to an energy threshold.

Please Replace Paragraph [00038] with the following:

[00038] If the residual energy exceeds the threshold, at ± 20 , the frame is classified (± 25) as music. If the residual energy does not exceed the threshold at ± 20 , the frame is classified (± 30) as speech.